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**CURRENTLY PENDING CLAIMS**

1. (Amended) A tubular structure, comprising:  
an outer surface;  
an inner surface; and  
at least ~~one~~ two, stiffness increasing, criss-crossing raised ribs, integrated with and extending from ~~said inner surface or said outer surface~~, said ribs formed by a string of continuous strands of carbon fibers impregnated and at least partially encapsulated with ~~of~~ at least one of a layer of prepreg ~~and a strand of a fiber~~.
2. (Original) A tubular structure according to claim 1, wherein the tubular structure is cylindrical.
3. (Original) A tubular structure according to claim 1, wherein a cross-section of the tubular structure is at least one of ovoid, triangular, rectangular and hexagonal.
4. (Original) A tubular structure according to claim 1, wherein the longitudinal axis of the tubular structure is a straight line.
5. (Original) A tubular structure according to claim 1, wherein the longitudinal axis of the tubular structure has at least one bent angle.
6. (Amended) A tubular structure according to claim 1, wherein said raised ribs are is oriented from between about 0 and 90 degrees, relative to a longitudinal axis of the tubular structure.
- 7-9. (Canceled)
10. (Amended) A tubular structure according to claim ~~8~~ 1, further comprising ~~wherein said rib material is attached to said outer surface or said inner surface by a composite veil layer of material, covering said ribs~~, that is the same as the material from which the rest of the tubular structure is made.
- 11-24. (Canceled)